

ABSTRACT OF THE DISCLOSURE

The measurement precision of a current detector of the fuel cell in a fuel cell system is improved. Where the fuel cell system 20 has not started operation, the vehicle 10 is operating under regenerative operation, the fuel cell 21 is operating under intermittent operation, or
5 operation of the fuel cell system 20 has ended, the output terminal voltage of the fuel cell 21 is set to the OCV value of 400V via the DC/DC converter 31. As a result, even where the status of the fuel cell 21 changes from operating to stopped, the value of the current flowing over the power supply lines 411 can be immediately and reliably set to 0A. The control unit
60 then obtains the current value A_d from the fuel cell current sensor 413 (step S150), and
10 determines the offset correction value A_c needed in order to cancel the drift amount (i.e., in order to perform zero-point correction).